



WARNING

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because they can alter WorkBench behaviour:

1.0.0

GUI Reference

POWER-KI

Graphic User Interface

DESCRIPTION	
PROJECT POWER-KI	CODE XXXXXXXXXXXX
COVER TITLE GUI REFERENCE	
FIRST TITLE POWER-KI	PAGES 54
SECOND TITLE GRAPHIC USER INTERFACE	PRINT DATE
FILE PWK-MAN-GUI	SAVED DATE

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IDENTIFICATION										STORAGE							
SUBJECT	OBJ	CAT	T	TYP	ID	SEQ	VER	LANG		SUBJECT	OBJ	CAT	T	TYP	ID	SEQ	
PXXX.XX	D	XXX	#	XX	XXXXXXXXXX	XX	1.0.0	EN		PXXX.XX	B	XXX	#	XX	XXXXXXXXXX	XX	

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Document Information

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Document Change



Related Documents

ERD – External Related Documents

N°	DATE	TITLE	SOURCE

IRD – Internal Related Documents

N°	ORG	CODE								DESCRIPTION
		SUBJECT	OBJ	CAT	T	TYP	ID	SEQ	VER	

ARD – Attached Related Documents

N°	ORG	CODE								DESCRIPTION
		SUBJECT	OBJ	CAT	T	TYP	ID	SEQ	VER	

Terms and Definition

Glossary entry	Entry definition



Conventions and Symbol

Text	Description	Example

1 Introduction

Typ of elements:

- none or DAT - send on change;
- SGN – Always send.



2 GUI events

User actions cause the following events:

CODE	Description		
MOUSE_ENT	Mouse enter		
MOUSE_OUT	Mouse leave		
MOUSE_DW	Mouse down		
MOUSE_UP	mouse up		
MOUSE_MV	Mouse move		
MOUSE_CS	Mouse Click single Left		
MOUSE_CR	Mouse Click single Right		
MOUSE_CD	Mouse Click Double		
WIND_MOV	Windows Move		
WIND_SIZ	Windows Resize		
WIND_CLS	Windows Close		
WIND_MIN	Mimimize		
WIND_MAX	Maximize		
WIND_NRM	Normal size		
WIND_PRT	Print button		
WIND_HLP	Help button		
ITEM_CHG	Item Changed		
ITEM_VAL_CHG	Item Value canged		
ITEM_ENT	Item Got focus		
ITEM_EDT_BEG	Item Editing Begin		
ITEM_EDT_END	Item Editing End		
KEY_DW	key down		
KEY_PRS	Key pressed		
KEY_UP	key Up		

3 GUI element

Element	Label	Type	Comment
FORM		ITEM	Form item
BUTTON		ITEM	Button item
RADIOBUTTON		ITEM	Radio Button item
LABEL		ITEM	label item
TEXTBOX		ITEM	Text Box item
RICHBOX		ITEM	Rich Text Box with rtf encoding
EDITBOX		ITEM	Rich Text Box with rtf encoding and editing
LISTBOX		ITEM	
COMBOBOX		ITEM	
CHECKBOX		ITEM	
DRAWBOX		ITEM	
PROGRESS		ITEM	Progress Bar
GRID		ITEM	Data Grid contains GRIDCOL
WEB		ITEM	Web Browser - include in a Panel
WEBFAST		ITEM	Web Browser - include in a Panel
TRACKBAR		ITEM	Track Bar
PANEL		CONTAINER	Panel
PANelfLOW		CONTAINER	A panel that arrange its contents
SPLITCONTAINER		CONTAINER	Contains two sub panel
TABLE		CONTAINER	Table contains TABLEROW and TABLECOL
IMAGE		RESOURCE	image resource
FONT		PROPERTY	
BORDER		PROPERTY	
FLASHING		PROPERTY	
MARGIN		PROPERTY	
PADDING		PROPERTY	
SIGNAL		PROPERTY	User Signal max 40 Char
AUDIO		PROPERTY	
TABLEROW		COMPONENT	
TABLECOL		COMPONENT	
GRIDCOL		COMPONENT	
GRIDHEADER		COMPONENT	
GRIDCELL		COMPONENT	
VOICE		COMPONENT	Of Audio
SOUND		COMPONENT	Of Audio
SPLITPANEL		COMPONENT	Of SPLITCONTAINER



3.1 FORM

FORM					
Attribute	Default	Values	Comment	AA	TYP
SCREEN			Screen number - 0=default		
StartLocation		XY;DEFAULT;CENTER			
SIZE		SizXY;FULLSCREEN			
X			x Position		
Y			Y Position		
XY			WRITE ONLY: X;Y		
SizX	640		Size X in Video Uini		
SizY	480		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
SizXY_min			Min size		
SizXY_std			Std size		
SizXY_max			Max size		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Colour R;G;B;		
CLR_BKG		R;G;B;	BackGround Colour R;G;B;		
CLR_TITLE		R;G;B;	Title Color		
HLP_TEXT			Help text to show		
ButtonClose	true	TRUE;FALSE			
ButtonHelp	false	TRUE;FALSE			
ButtonMin	true	TRUE;FALSE			
ButtonMax	false	TRUE;FALSE			
ButtonNvg	false	TRUE;FALSE	Navigate inside sizes		
ButtonPrint	false	TRUE;FALSE			
Alive	true	TRUE;FALSE			
Resaizable	false	TRUE;FALSE			
StdBkg	false	TRUE;FALSE			
TITLE					
TITLE_SHW	true	TRUE;FALSE	Show/Hide the form title		
FIXED	FALSE	TRUE;FALSE	Is mouse movable		
TRANSP_CLR		R;G;B	Transparent colour Key		
OPACITY	100		% of opacity		
ESC		TRUE;FALSE	Is ESC enabled		
TOPMOST		TRUE;FALSE	top most form?		
FORM_TYPE		STD;TOP;NOSHADOW; NOSHADOW_TOP	CFG: NO run time effects		
TAB_AUTO		TRUE;FALSE	CFG: Auto tab Order of control		
SCALE	1		SCALE factor float		

FORM					
Attribute	Default	Values	Comment	AA	TYP
MOUSETRACEOFF		TRUE; FALSE	Inhibit mouse movement tracing		
TASKBAR		TRUE; FALSE	Hide or show win task bar		

3.2 BUTTON

BUTTON					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE; FALSE	Send event		
Visible	true	TRUE; FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL; TOP; BOTTOM; RIGHT; LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
TEXT					
ALIGN_H		LEFT; CENTER; RIGHT			
ALIGN_V		TOP; MIDDLE; BOTTOM			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
ROLE		STD; ACCEPT; CANC	Role of the button		
FOCUS		YES; NO	Set the Focus		SGN

BUTTON					
Attribute	Default	Values	Comment	AA	TYP



3.3 RADIOBUTTON

RADIOBUTTON					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
VALUE		0;1	Is Checked?		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
TEXT					
ALIGN_H		LEFT;CENTER;RIGHT			
ALIGN_V		TOP;MIDDLE;BOTTOM			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
Appearance	NORMAL	NORMAL;BUTTON	If Normal or Push Button		
TEXTPOSITION	AFTER	AFTER;BEFORE;UP;DOWN	Position of the text		
FOCUS		YES;NO	Set the Focus		SGN

3.4 LABEL

LABEL					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
SIZE_AUTO		TRUE;FALSE			
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
HLP_TEXT_CTRL		TRUE;FALSE	if true is the shower of the HLP		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
TEXT			Text of the label		
ALIGN_H		LEFT;CENTER;RIGHT			
ALIGN_V		TOP;MIDDLE;BOTTOM			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE;SINGLE;3D			



3.5 DRAWBOX

DRAWBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE; SINGLE; 3D			

3.6 TEXTBOX

TEXTBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
READONLY	FALSE	TRUE;FALSE			
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
VALUE			Text of the field		
MULTI		TRUE;FALSE	Multi line :yes,no		
ALIGN_H		LEFT;CENTER;RIGHT			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
PASSWORD			active if defined like #		
SCROLLBARS		HORIZONTAL,VERTICAL			
BORDER_STYLE		NONE;SINGLE;3D			
MAXLEN			Max size in char (32732)		
INPACCEPT		NUM,INT,FLT,ALPHA,ALPHANUM,HEX,CHAR[a,1]	Accepted input		
CONFWRET		TRUE;FALSE	Confirm with RETURN		
FOCUS		YES;NO	Set the Focus		SGN



3.7 RICHBOX

RICHBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
READONLY	FALSE	TRUE;FALSE			
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
VALUE			Text of the field		
RTF			Rich Text Format		
RTFESC			Read ONLY escaped for DB		
MULTI		TRUE;FALSE	Multi line :yes,no		
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE; SINGLE; 3D			
MAXLEN			Max size in char (32732)		
INPACCEPT		NUM, INT, FLT, ALPHA, ALPHANUM, HEX, CHAR[a,1]	Accepted input		
CONFWRET		TRUE;FALSE	Confirm with RETURN		
FOCUS		YES;NO	Get the Focus		SGN
SEL_START			Start of Selection		
SEL_LENGTH			Length of selection		
SEL_TXT			Selected text		
SEL_CLRFRG		R;G;B;	Selection Foreground color		
SEL_CLRBKG		R;G;B;	Selection Background color		
SEL_BULLET		NO;YES	Bullet active		
SEL_ALIGN		LEFT;CENTER;RIGHT	Alignment		
SEL_PROTECT		NO;YES	Protect against modification		

RICHBOX					
Attribute	Default	Values	Comment	AA	TYP
SEL_FNT_NAME		#FONT#			
SEL_FNT_SIZ					
SEL_FNT_UNIT		POINT;PIXEL;MM			
SEL_FNT_STYLE		BOLD,ITALIC,UNDERLINE			



3.8 EDITBOX

EDITBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
READONLY	FALSE	TRUE;FALSE			
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
VALUE			Text of the field		
RTF			Rich Text Format		
RTFESC			Read ONLY escaped for DB		
MULTI		TRUE;FALSE	Multi line :yes,no		
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE; SINGLE; 3D			
MAXLEN			Max size in char (32732)		
INPACCEPT		NUM, INT, FLT, ALPHA, ALPHANUM, HEX, CHAR[a,1]	Accepted input		
CONFWRET		TRUE;FALSE	Confirm with RETURN		
FOCUS		YES;NO	Set the Focus		SGN
SEL_START			Start of Selection		
SEL_LENGTH			Length of selection		
SEL_TXT			Selected text		
SEL_CLRFRG		R;G;B;	Selection Foreground color		
SEL_CLRBKG		R;G;B;	Selection Background color		
SEL_BULLET		NO;YES	Bullet active		
SEL_ALIGN		LEFT;CENTER;RIGHT	Alignment		
SEL_PROTECT		NO;YES	Protect against modification		

EDITBOX					
Attribute	Default	Values	Comment	AA	TYP
SEL_FNT_NAME		#FONT#			
SEL_FNT_SIZ					
SEL_FNT_UNIT		POINT;PIXEL;MM			
SEL_FNT_STYLE		BOLD,ITALIC,UNDERLINE			



3.9 LISTBOX

LISTBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
VALUE			Text field		
ITEMS			items List		
ITEMS_SEP			separator 1char def , or ;		
ALLIGN_H		LEFT;CENTER;RIGHT			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE; SINGLE; 3D			
SORTED	FALSE	TRUE; FALSE			
FOCUS		YES; NO	Set the Focus		SGN

3.10 COMBOBOX

COMBOBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
VALUE			Text filed		
ITEMS			items List		
ITEMS_SEP			separator 1char def , or ;		
ALIGN_H		LEFT;CENTER;RIGHT			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
SORTED	FALSE	TRUE;FALSE			
LISTMODE	DROPDOWN	DROPDOWN;CHOICE;SIMPLE	Behaviour of the list		
AUTOCOMPLETE	NONE	NONE;SUGGEST;APPEND;SUGGESTAPPEND			
FOCUS		YES;NO	Set the Focus		SGN



3.11 CHECKBOX

CHECKBOX					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
TEXT			Text		
VALUE		0;1			
ALIGN_H		LEFT;CENTER;RIGHT			
ALIGN_V		TOP;MIDDLE;BOTTOM			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
Appearance	NORMAL	NORMAL;BUTTON	If Normal or Push Button		
FOCUS		YES;NO	Set the Focus		SGN

3.12 PROGRESS

PROGRESS					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
MIN			Minimum value		
MAX			Maximum value		
STEP			Increment		
STYLE	BLOCKS	BLOCKS;CONTINUOS;MARQUEE			
MARQUEE_SPEED			ms		
VALUE					
ALIGN_H		LEFT;CENTER;RIGHT			
ALIGN_V		TOP;MIDDLE;BOTTOM			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		



3.13 TRACKBAR

TRACKBAR					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG	0;0;0;	R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
ORIENTATION		HORIZONTAL;VERTICAL			
MIN			Minimum value		
MAX			Maximum value		
STEPMIN			Increment in response to arrow		
STEPMAX			Increment in response to mouse click		
TICKSTYLE	UP	UP;DOWN;BOTH;NONE	Tick Style		
TICKSTEP					
VALUE					
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
FOCUS		YES;NO	Set the Focus		SGN

3.14 GRID

GRID					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	100		Size X in Video Uini		
SizY	100		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	TRUE	TRUE;FALSE	Send event		
Visible	TRUE	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
COLs			Number of columns		
ROWS			Number of rows		
READONLY	FALSE	TRUE;FALSE			
ROWHEADER	NO	YES;NO			
COLUMNHEADER	YES	YES;NO			
COLUMNFILL	TRUE	TRUE;FALSE;ALLCELLS;HEADER			
COLNAMES			Change Column names Format: #,name;#,name ..		SGN
ROWHEIGHT			Size of the row		
SELECTIONMODE		CELL;ROW;COLUMN			
SELECTION		TRUE;FALSE	Enable / disable selectionmode		
SLC_CLR_BKG		R;G;B	Selection Back color		
SLC_CLR_FRG		R;G;B	Selection Fore color		
SELECTROW			Row Num, clear selection		SGN
SELECTEDROW			Read		
SELECTCOL			Col Num,		SGN
SELECTEDCOL			Read		
SELECTRST			Reset selection (any value)		SGN
CellMouseRow			Read		



GRID					
Attribute	Default	Values	Comment	AA	TYP
CellMouseCol			Read		
CellMouseVal			Read		
CellCurrRow			Read		
CellCurrCol			Read		
CellCurrVal			Read		
DATAsep	;		Char used as separator for get,set		
DATAsep_Row			Char used as row separator for SETALL		
RowSetNum					SGN
RowSetVal					
RowGetNum					SGN
RowGetVal					
ColSetNum					SGN
ColSetVal					
ColGetNum					SGN
ColGetVal					
RowDel			Delete a row Write back ""		SGN
RowIns			Insert a row Write back ""		SGN
SETALLMODE		DAT;FRG;BKG;FRG+BKG;DATA (01)FRG+BKG	Data Or Color Use + as inner separator for FRG+BKG		
SETALL		YES	The grid is cleared and filled with the ALL content, where Cell data are separated by DATAsep, row by DATAsep_Row. Finally SETALL is cleared.		SGN
GETALL		YES	In ALL the grd content are returned.GetAll is cleared.		SGN
ALL			data GRID		
BORDER_STYLE		NONE; SINGLE; 3D			
CELL_BORDER_STYLE		NONE; RAISED; RaisedH; RaisedV; Single; SingleH; SingleV; Sunken; SunkenH; SunkenV			
HEADER_BORDER_STYLE		NONE; RAISED; SINGLE; SUNKEN			
FOCUS		YES; NO	Set the Focus		SGN
CellMarginH			in Pixel		
CellMarginV			in Pixel		
GRID_CLR		R; G; B;	GRID color		

3.15 PANEL

PANEL					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	150		Size X in Video Uini		
SizY	150		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE;SINGLE;3D			
SCROLLBAR		FALSE;TRUE	Enable Auto Scroll Bars		



3.16 PANELFLOW

PANELFLOW					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	100		Size X in Video Uini		
SizY	100		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP, BOTTOM, RIGHT, LEFT; NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
FlowDirection	TopDown	TopDown;BottomUp;LeftToRight;RightToLeft			
WRAP	FALSE	TRUE;FALSE	If contents are wrapped		
AutoSize	FALSE	TRUE;FALSE	Arrange its size to the content		
AutoSizeMode		GrowOnly;FULL			
AutoScroll	FALSE	TRUE;FALSE			
BORDER_STYLE		NONE;SINGLE;3D			

3.17 WEB

WEB					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
ScrollBar		YES;NO	Enable scroll Bars		
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
FOCUS		YES;NO	Set the Focus		SGN
HTMLTEXT			The document to load		SGN
SCRIPTERR		YES;NO	ENABLE script error		
NAVIGATION_ENB		YES;NO	Navigation enabled		
NAVIGATION_TGT		PAGE(this);BROWSER(external)	Target of the navigation		
NAVIGATION_URI			The target		SGN
NAVIGATION_STS			1=working 2=navigating 3=navigated		
HTML_ATT			The attribute of an HTML to search (from bottom up recursively) on Click event		SGN
HTML_ATT_VAL			READ ONLY the value returned		
HTML_CBK			READ ONLY invoked by a script as window.external.CBK('string')[STD] PwK_CBK('string')[FAST]		
HTML_EXEC			invoke a script in the form: script_name : parameters string		SGN
ENGINE	STD	SDT;FAST			DAT

NAVIGATION_STS



- 1= user has changed the Url
- 2= someone has changed the URL
- 3=document loaded show in progress
- ""= document loaded

With FAST engine : NAVIGATION_TGT, NAVIGATION_ENB, are not in use

3.18 WEBFAST

WEBFAST					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	60		Size X in Video Uini		
SizY	30		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP, LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
FOCUS		YES;NO	Set the Focus		SGN
HTMLTEXT			The document to load		SGN
SCRIPTERR		YES;NO	ENABLE script error		
NAVIGATION_ENB		YES;NO	Navigation enabled		
NAVIGATION_TGT		PAGE(this);BROWSER(external)	Target of the navigation		
NAVIGATION_URI			The target		SGN
NAVIGATION_STS			1=working 2=navigating 3=navigated		
NAVIGATION_ERR			READ ONLY		
HTML_ATT			The attribute of an HTML to search (from bottom up recursively) on Click event		SGN
HTML_ATT_VAL			READ ONLY the value returned		
HTML_CBK			READ ONLY invoked by a script as window.external.CBK('string')[STD] PwK_CBK('string')[FAST]		
HTML_EXEC			invoke a script in the form: script_name : parameters string		SGN

NAVIGATION_STS



- 1= user has changed the Url
- 2= someone has changed the URL
- 3=document loaded show in progress
- ""= document loaded

With FAST engine : NAVIGATION_TGT, NAVIGATION_ENB, are not in use

3.19 SPLITCONTAINER

SPLITCONTAINER					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	150		Size X in Video Uini		
SizY	150		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
SPLIT_FIXED		TRUE;FALSE			
SPLIT_WIDTH					
SPLIT_POS			distance from left top edge		
SPLIT_ORIENTATION	HORIZONTAL	VERTICAL;HORIZONTAL			
BORDER_STYLE		NONE;SINGLE;3D			



3.20 SPLITPANEL

SPLITPANEL					
Attribute	Default	Values	Comment	AA	TYP
Enabled	true	TRUE;FALSE	Send event		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
COLLAPSED		TRUE;FALSE			
SizMin			Minimum Size		

3.21 TABLE

TABLE					
Attribute	Default	Values	Comment	AA	TYP
X	50		x Position		
Y	50		Y Position		
XY			WRITE ONLY: X;Y		
SizX	150		Size X in Video Uini		
SizY	150		Size X in Video Uini		
SizXY			WRITE ONLY: sizX;sizY		
Enabled	true	TRUE;FALSE	Send event		
Visible	true	TRUE;FALSE	Is Visible		
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
HLP_TEXT			Help text to show		
DOCK		FILL;TOP;BOTTOM;RIGHT;LEFT			
ANCHOR	TOP,LEFT	TOP,BOTTOM,RIGHT,LEFT;NONE			
TITLE			Title		
ROWS			Number of rows		
COLs			Number of columns		
ALLIGN_H		LEFT;CENTER;RIGHT	Header alignment		
ALLIGN_V		TOP;MIDDLE;BOTTOM	Header alignment		
CellBorder	SINGLE	SINGLE;INSET;INSETDOUBLE;OUTSET;OUTSETDOUBLE;OUTSETPARTIAL;NONE			
CellRow			If in table		
CellCol			if in table		
CellRowSpan			if in table		
CellColSpan			if in table		
BORDER_STYLE		NONE;SINGLE;3D			

Contains TABLEROW and TABLECOL component



3.22 IMAGE

IMAGE					
Attribute	Default	Values	Comment	AA	TYP
FILE					SGN
LAYOUT	STRETCH	STRETCH; CENTER; TILE; ZOOM; NONE			
DRAW			See doc		SGN
DRAW_SizX			Set the width of the bitmap		
DRAW_SizY			Set the Height of the bitmap		
CACHE	YES	YES; NO	Enable image caching		

NOTE: change on DRAW_SizX/_SizY cause the regeneration of the Bitmap any previous draw is lost.

DRAW COMMAND

Each parameter is separated by a semi colon. Command are separated by '#'.
In the following list [] indicate option parameter and (..) admitted values.

COLOR

The notation is 0xAARRGGBB

Special colour:

- TRANSP : transparent
- DEL : Delete colour ,BackGround color is used

COORD[:x1;y1;x2;y2] //alone reseset. Upper Left; bottom right
CLR[:color] //alone use default backColor

POINT:color; line; x1;y1;[...;xn;yn]

LINE: color; line; x1;y1;x2;y2;[...;xn;yn]

BOX:color; line; fill(TRUE|FALSE); x1;y1;x2;y2

ELLIIPSE:color; line; fill(TRUE|FALSE); xc1;yc1;xc2;yc2

SECTOR:color; line; fill(TRUE|FALSE); xc1;yc1; xc2, yc2; startAngle; sizeAngle

- xc, yc = centers of ellipse or sector
- startAngle = Clock wise degree int

TEXT:color; x1;y1; text:[fontName;fontSize;fontUnit(POINT|PIXEL |MM) ;
fontStyle(BOLD,ITALIC,UNDERLINE);angle]

GMODE: {OVER | COPY}
Use OVER to write text

RCOORD[:angle;x1;x2;] //Rotate Coord alone reset

3.23 **FONT**

FONT					
Attribute	Default	Values	Comment	AA	TYP
NAME		#FONT#			
SIZ					
UNIT		POINT;PIXEL;MM			
STYLE		BOLD,ITALIC,UNDERLINE			



3.24 BORDER

BORDER					
Attribute	Default	Values	Comment	AA	TYP
LINE					
CLR_TOP		R;G;B;			
CLR_LEFT		R;G;B;			
CLR_BOTTOM		R;G;B;			
CLR_RIGHT		R;G;B;			
BOX_LINE	2				
BOX_CLR	black	R;G;B;			

3.25 FLASHING

FLASHING					
Attribute	Default	Values	Comment	AA	TYP
ENABLED	FALSE	TRUE;FALSE			
CLR_FRG		R;G;B;			
CLR_BKG		R;G;B;			
TIMER	200		minimun 100 ms		



3.26 MARGIN

MARGIN					
Attribute	Default	Values	Comment	AA	TYP
ALL		NONE			
TOP					
BOTTOM					
LEFT					
RIGHT					

3.27 PADDING

PADDING					
Attribute	Default	Values	Comment	AA	TYP
ALL		NONE			
TOP					
BOTTOM					
LEFT					
RIGHT					



3.28 SIGNAL

SIGNAL					
Attribute	Default	Values	Comment	AA	TYP
MOUSE_MV	DEFAULT		Mouse_Move		
MOUSE_ENT	DEFAULT		Mouse Enter		
MOUSE_OUT	DEFAULT		Mouse Leave		
MOUSE_DW	DEFAULT		Mouse Down		
MOUSE_UP	DEFAULT		Mouse UP		
MOUSE_CR	DEFAULT		Click single RUIGHT		
MOUSE_CS	DEFAULT		Click single		
MOUSE_CD	DEFAULT		Click double		
ITEM_CHG	DEFAULT		Item Changed		
ITEM_VAL_CHG	DEFAULT		Value changed		
ITEM_ENT	DEFAULT		Got Focus		
ITEM_EDT_BEG	DEFAULT		Edit Begin		
ITEM_EDT_END	DEFAULT		End End		
KEY_DW	DEFAULT		Key Down		
KEY_PRS	DEFAULT		Key Pressed		
KEY_UP	DEFAULT		Key Up		
WIND_MOV	DEFAULT		Windows Move		
WIND_SIZ	DEFAULT		Windows resize		
WIND_CLS	DEFAULT		Windows Close BUTTON		
WIND_MIN	DEFAULT		Windows Min BUTTON		
WIND_MAX	DEFAULT		Windows Max BUTTON		
WIND_PRT	DEFAULT		Windows print BUTTON		
WIND_HLP	DEFAULT		Windows Help BUTTON		

3.29 **TABLEROW**

TABLEROW					
Attribute	Default	Values	Comment	AA	TYP
SizTyp		AUTO;ABSOLUTE;PERCENT;REGULAR			
Siz			Size		



3.30 TABLECOL

TABLECOL					
Attribute	Default	Values	Comment	AA	TYP
SizTyp		AUTO;ABSOLUTE;PERCENT;REGULAR			
Siz			Size		

3.31 GRIDCOL

GRIDCOL					
Attribute	Default	Values	Comment	AA	TYP
NAME			Column name		
Siz			Fill weight		
WIDTH			Size in pixel		
TYPE	TEXTBOX	TEXTBOX; CHECKBOX; COMBOBOX; BUTTON; LED			
TYPEATT		SIMPLE; DROPDOWN; COMBOBOX			
CONTENT	STRING	STRING; I32; U32; FLT; DBL			
READONLY	FALSE	TRUE; FALSE			
FROZEN	FALSE	TRUE; FALSE			
REORDER	NO	NO; YES			
ITEMS			COMBO BOX items List		
ITEMS_SEP			separator 1char def , or ;		
TEXT			Button Text (set UseColTxt)		
BUTTON_USE_COLUMN_TEXT		FALSE; TRUE			
CLR_FRG		R; G; B;	ForeGround Color		
CLR_BKG		R; G; B;	BackGround Color		
SELECTION		TRUE; FALSE	Enable / disable selectionmode		
SLC_CLR_BKG		R; G; B	Selection Back color		
SLC_CLR_FRG		R; G; B	Selection Fore color		
VISIBLE	TRUE	TRUE; FALSE			
MAXLEN			Max size in char (32732)		
INPACCEPT		NUM, INT, FLT, ALPHA, ALPHANUM, HEX, CHAR[a,1]	Accepted input		
CONFWRET		TRUE; FALSE	Confirm with RETURN		
ALIGN_H	LEFT	LEFT; CENTER; RIGHT			
ALIGN_V	MIDDLE	TOP; MIDDLE; BOTTOM			
RMARGIN			In pixel		



3.32 GRIDHEADER

GRIDHEADER					
Attribute	Default	Values	Comment	AA	TYP
CLR_FRG		R;G;B;	ForeGround Color		
CLR_BKG		R;G;B;	BackGround Color		
VISIBLE	YES	YES;NO			
HEIGHT					
ALIGN_H	CENTER	LEFT;CENTER;RIGHT			
ALIGN_V	MIDDLE	TOP;MIDDLE;BOTTOM			

3.33 GRIDCELL

GRIDCELL					
Attribute	Default	Values	Comment	AA	TYP
ROW			Row		SGN
COL			Column		SGN
CLR_FRG		R;G;B;	ForeGround Color		SGN
CLR_BKG		R;G;B;	BackGround Color		SGN
VALUE					SGN
SELECTED		0;1	1=true		SGN
CONNECTED	FALSE	TRUE;FALSE	change in _TRUE_ when connected		SGN
WRITEONLY		TRUE;FALSE	No update on connection or row or col change		SGN
READONLY		TRUE;FALSE			SGN



3.34 AUDIO

AUDIO					
Attribute	Default	Values	Comment	AA	TYP
VOLUME			0 :: 100		
VOLUME_LEFT			0 :: 100		
VOLUME_RIGHT			0 :: 100		
BEEP_MODE		DIRECT;LOOP	Mode		
BEEP_FRQ1			Frequency		
BEEP_DUR1			Duration- start in Direct mode		SGN
BEEP_WAIT12			Pause between 1 & 2		
BEEP_FRQ2			Frequency		
BEEP_DUR2			Duration		
BEEP_SLEEP			Timer		

3.35 VOICE

VOICE					
Attribute	Default	Values	Comment	AA	TYP
TEXT			Text to speach		SGN
RATE			-10 :: 10		
GENDER		NONE;MALE;FEMALE;NEUTRAL			
AGE		NONE;CHILD;TEEN;ADULT;SENIOR			
VOLUME			0 :: 100		
LANG					
NAME		ScanSoftSilvia_Full_22kHz			
STATUS			ReadOnly 1=speaking		
STOP		1	Gui reset to empty		



3.36 SOUND

SOUND					
Attribute	Default	Values	Comment	AA	TYP
FILE			Wav File name		
PLAY		TRUE; FALSE; LOOP			SGN

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